

# Missouri Occupational Projections 2021-2023

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Short-Term Occupational projections are produced every year and are published in March.

Occupations are classified using the Standard Occupational Classification (SOC) system. Major occupation groups are at the two digit SOC level, while detailed c

*Projections were made with historical data and information that was available at the time. Events that happen after these projections were made could alter the projections.*

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## Major Occupation Groups Information

Occupation	SOC Code	2021		2023		2021-2023		2020 Wages				Annual Openings			
		Estimated Employment	Projected Employment	Net Change	Percent Change	Entry	Mean	Median	Experienced	Exits	Transfers	Growth	Total		
00-0000	Total, All Occupations	3,021,356	3,120,753	99,397	3.3%	\$26,580	\$50,140	\$38,890	\$61,060	132,172	201,290	49,698	383,160		
11-0000	Management Occupations	163,333	169,783	6,450	4.0%	\$64,090	\$109,910	\$95,620	\$138,270	4,070	9,080	3,225	16,375		
13-0000	Business and Financial Operations Occupations	179,159	185,637	6,478	3.6%	\$49,830	\$73,800	\$66,350	\$90,120	4,819	10,598	3,239	18,656		
15-0000	Computer and Mathematical Occupations	99,230	104,154	4,924	5.0%	\$55,680	\$82,040	\$78,630	\$104,190	2,098	5,036	2,462	9,596		
17-0000	Architecture and Engineering Occupations	39,236	40,774	1,538	3.9%	\$59,370	\$82,980	\$78,150	\$102,540	966	1,908	769	3,643		
19-0000	Life, Physical, and Social Science Occupations	19,476	20,043	567	2.9%	\$45,200	\$69,130	\$60,760	\$83,320	422	1,402	284	2,108		
21-0000	Community and Social Service Occupations	45,754	46,908	1,154	2.5%	\$33,110	\$43,200	\$39,680	\$51,170	1,464	2,942	577	4,983		
23-0000	Legal Occupations	24,785	25,853	1,068	4.3%	\$43,390	\$82,610	\$62,230	\$103,370	723	1,056	534	2,313		
25-0000	Education, Training, and Library Occupations	156,897	162,039	5,142	3.3%	\$31,670	\$51,350	\$43,370	\$59,680	6,282	7,203	2,571	16,056		
27-0000	Arts, Design, Entertainment, Sports, and Media Occupations	46,443	48,520	2,077	4.5%	\$29,820	\$49,810	\$43,440	\$61,640	1,712	3,043	1,038	5,793		
29-0000	Healthcare Practitioners and Technical Occupations	199,680	204,472	4,792	2.4%	\$44,230	\$73,960	\$60,380	\$82,250	5,103	6,084	2,396	13,583		
31-0000	Healthcare Support Occupations	150,660	156,079	5,419	3.6%	\$22,350	\$28,700	\$25,340	\$31,470	9,257	9,228	2,710	21,195		
33-0000	Protective Service Occupations	60,720	62,200	1,480	2.4%	\$29,640	\$47,570	\$40,230	\$62,180	2,848	3,943	740	7,531		
35-0000	Food Preparation and Serving Related Occupations	245,219	256,286	11,067	4.5%	\$20,140	\$25,800	\$22,810	\$28,480	18,670	25,390	5,534	49,594		
37-0000	Building and Grounds Cleaning and Maintenance Occupations	97,610	101,631	4,021	4.1%	\$22,490	\$30,700	\$27,390	\$34,430	5,658	7,274	2,010	14,942		
39-0000	Personal Care and Service Occupations	82,926	87,476	4,550	5.5%	\$20,560	\$29,170	\$24,520	\$32,770	5,466	6,652	2,275	14,393		
41-0000	Sales and Related Occupations	286,900	293,114	6,214	2.2%	\$22,620	\$42,480	\$29,220	\$48,040	15,152	22,866	3,107	41,125		
43-0000	Office and Administrative Support Occupations	413,567	419,782	6,215	1.5%	\$28,740	\$39,790	\$36,730	\$47,700	19,696	25,520	3,108	48,324		
45-0000	Farming, Fishing, and Forestry Occupations	12,935	13,061	126	1.0%	\$26,050	\$33,000	\$30,510	\$37,990	544	1,468	63	2,075		
47-0000	Construction and Extraction Occupations	134,150	142,195	8,045	6.0%	\$38,460	\$57,440	\$54,500	\$74,930	4,143	9,257	4,022	17,422		
49-0000	Installation, Maintenance, and Repair Occupations	119,682	123,756	4,074	3.4%	\$35,000	\$49,490	\$46,590	\$61,850	3,818	7,786	2,037	13,641		
51-0000	Production Occupations	198,898	202,904	4,006	2.0%	\$29,470	\$41,120	\$37,900	\$49,200	7,628	14,258	2,003	23,889		
53-0000	Transportation and Material Moving Occupations	244,096	254,086	9,990	4.1%	\$25,530	\$37,590	\$33,020	\$45,510	11,634	19,296	4,995	35,925		

Projections were made with historical data and information that was available at the time. Events that happen after these projections were made could alter these projections figures significantly.

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## Top Job Openings

Openings based on job growth as well as replacement needs due to exits or transfers

### Top Job Openings - Statewide 2021-2023

SOC Code	Occupation Title	Percent Growth	Average Annual Wage	Annual Openings	Typical Education Required
35-3023	Fast Food and Counter Workers	3.0%	\$24,580	14,231	No formal educational credential
41-2011	Cashiers	0.8%	\$24,490	12,871	No formal educational credential
31-1120	Home Health and Personal Care Aides	5.2%	\$25,840	12,432	High school diploma or equivalent
41-2031	Retail Salespersons	2.4%	\$30,640	11,979	No formal educational credential
35-3031	Waiters and Waitresses	4.8%	\$23,880	10,504	No formal educational credential
43-9061	Office Clerks, General	1.8%	\$36,060	8,333	High school diploma or equivalent
53-7065	Stockers and Order Fillers	3.9%	\$30,120	8,040	High school diploma or equivalent
43-4051	Customer Service Representatives	2.0%	\$36,580	7,356	High school diploma or equivalent
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	4.1%	\$33,360	6,865	No formal educational credential
11-1021	General and Operations Managers	4.3%	\$101,610	6,377	Bachelor's degree
53-3032	Heavy and Tractor-Trailer Truck Drivers	4.1%	\$48,230	6,296	Postsecondary non-degree award
37-2011	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	3.2%	\$29,550	6,281	No formal educational credential
35-2014	Cooks, Restaurant	9.7%	\$27,250	6,191	No formal educational credential
43-6014	Secretaries and Administrative Assistants, Except Legal, Medical, and Executive	0.1%	\$37,310	5,097	High school diploma or equivalent
29-1141	Registered Nurses	1.8%	\$65,900	4,530	Bachelor's degree
31-1131	Nursing Assistants	-0.2%	\$27,720	4,126	Postsecondary non-degree award
37-2012	Maids and Housekeeping Cleaners	5.8%	\$24,260	3,888	No formal educational credential
39-9011	Childcare Workers	1.8%	\$25,150	3,560	High school diploma or equivalent
49-9071	Maintenance and Repair Workers, General	3.3%	\$41,940	3,551	High school diploma or equivalent
15-1256	Software Developers and Software Quality Assurance Analysts and Testers	6.8%	\$96,530	3,377	Bachelor's degree

Source: 2021-2023 Short-Term Occupational Projections, Missouri Economic Research and Information Center

## Fastest Growing Occupations

Fastest growth defined by percent growth from base year to projected year

### Fastest Growing Occupations - Statewide 2021-2023

SOC Code	Occupation Title	Percent Growth	Average Annual Wage	Annual Openings	Typical Education Required
43-4081	Hotel, Motel, and Resort Desk Clerks	19.8%	\$24,160	1,165	High school diploma or equivalent
39-3011	Gaming Dealers	17.9%	\$22,950	233	High school diploma or equivalent
39-1013	First-Line Supervisors of Gambling Services Workers	15.4%	\$50,770	70	High school diploma or equivalent
39-3031	Ushers, Lobby Attendants, and Ticket Takers	15.3%	\$23,960	905	No formal educational credential
27-4032	Film and Video Editors	12.8%	\$52,240	73	Bachelor's degree
27-2011	Actors	12.6%	n/a	72	Some college, no degree
39-6012	Concierges	12.6%	\$30,440	108	High school diploma or equivalent
11-9081	Lodging Managers	10.6%	\$61,730	92	High school diploma or equivalent
29-1171	Nurse Practitioners	9.7%	\$106,870	670	Master's degree
35-2014	Cooks, Restaurant	9.7%	\$27,250	6,191	No formal educational credential
27-2090	Miscellaneous Entertainers and Performers, Sports and Related Workers	9.7%	n/a	85	No formal educational credential
49-9011	Mechanical Door Repairers	9.5%	\$53,080	71	High school diploma or equivalent
27-2042	Musicians and Singers	9.4%	n/a	165	No formal educational credential
39-9031	Fitness Trainers and Aerobics Instructors	9.3%	\$35,730	1,518	High school diploma or equivalent
39-3091	Amusement and Recreation Attendants	9.2%	\$25,950	1,277	No formal educational credential
27-2021	Athletes and Sports Competitors	9.0%	n/a	57	No formal educational credential
27-2023	Umpires, Referees, and Other Sports Officials	8.9%	\$34,000	405	High school diploma or equivalent
15-1212	Information Security Analysts	8.7%	\$91,770	303	Bachelor's degree
27-4011	Audio and Video Equipment Technicians	8.7%	\$47,820	253	Postsecondary non-degree award
13-1081	Logisticians	8.6%	\$76,360	322	Bachelor's degree

*Occupations with less than 50 annual openings are omitted*

Source: 2021-2023 Short-Term Occupational Projections, Missouri Economic Research and Information Center

Short-Term Occupational Projections for Missouri  
**All Occupation Information**

Occupation	2021		2023		2021-2023		2020 Wages			Annual Openings				Education, Experience, and Training			
	SOC Code	Title	Estimated Employment	Projected Employment	Net Change	Percent Change	Entry	Mean	Median	Experienced	Exits	Transfers	Growth	Total	Typical Education Required	Typical Experience Required	Typical Job Training
00-0000 Total, All Occupations			3,021,356	3,120,753	99,397	3.3%	\$26,580	\$50,140	\$38,890	\$61,060	132,172	201,290	49,698	383,160			
<b>11-0000 Management Occupations</b>	<b>163,333</b>	<b>169,783</b>	<b>6,450</b>	<b>4.0%</b>	<b>\$64,090</b>	<b>\$109,910</b>	<b>\$95,620</b>	<b>\$138,270</b>	<b>4,070</b>	<b>9,080</b>	<b>3,225</b>	<b>16,375</b>					
11-1011 Chief Executives	n/a	n/a	n/a	n/a	\$97,760	\$176,430	\$157,430	n/a	n/a	n/a	n/a	n/a	n/a	Bachelor's degree	5 years or more	None	
11-1021 General and Operations Managers	60,538	63,153	2,615	4.3%	\$53,030	\$101,610	\$80,610	\$129,640	1,235	3,834	1,308	6,377	Bachelor's degree	5 years or more	None		
11-1031 Legislators	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Bachelor's degree	Less than 5 years	None	
11-2011 Advertising and Promotions Managers	319	334	15	4.7%	\$75,010	\$114,420	\$100,430	\$149,140	6	25	8	39	Bachelor's degree	Less than 5 years	None		
11-2021 Marketing Managers	2,745	2,864	119	4.3%	\$93,100	\$138,250	\$126,650	\$171,350	56	177	60	293	Bachelor's degree	5 years or more	None		
11-2022 Sales Managers	4,826	5,000	174	3.6%	\$95,370	\$145,630	\$130,920	\$177,810	98	310	87	495	Bachelor's degree	Less than 5 years	None		
11-2030 Public Relations and Fundraising Managers	1,837	1,917	80	4.4%	\$70,610	\$116,310	\$101,710	\$145,190	48	106	40	194	Bachelor's degree	5 years or more	None		
11-3010 Administrative Services and Facilities Managers	5,840	6,023	183	3.1%	\$69,830	\$96,870	\$88,560	\$113,780	168	296	92	556	Bachelor's degree	Less than 5 years	None		
11-3021 Computer and Information Systems Managers	n/a	n/a	n/a	n/a	\$99,250	\$136,720	\$131,020	\$162,690	n/a	n/a	n/a	n/a	Bachelor's degree	5 years or more	None		
11-3031 Financial Managers	9,303	9,822	519	5.6%	\$96,000	\$139,040	\$127,030	\$165,180	196	480	260	936	Bachelor's degree	5 years or more	None		
11-3051 Industrial Production Managers	3,503	3,600	97	2.8%	\$80,440	\$109,430	\$103,640	\$131,620	68	168	48	284	Bachelor's degree	5 years or more	None		
11-3061 Purchasing Managers	891	912	21	2.4%	\$99,220	\$120,610	\$112,540	\$139,030	20	49	10	79	Bachelor's degree	5 years or more	None		
11-3071 Transportation, Storage, and Distribution Managers	2,142	2,239	97	4.5%	\$74,360	\$100,620	\$94,410	\$118,480	42	121	48	211	High school diploma or equivalent	5 years or more	None		
11-3111 Compensation and Benefits Managers	n/a	n/a	n/a	n/a	\$104,370	\$141,640	\$130,110	\$168,910	n/a	n/a	n/a	n/a	Bachelor's degree	5 years or more	None		
11-3121 Human Resources Managers	2,390	2,480	90	3.8%	\$86,920	\$120,710	\$108,990	\$140,030	56	136	45	237	Bachelor's degree	5 years or more	None		
11-3131 Training and Development Managers	461	483	22	4.8%	\$88,910	\$115,600	\$111,850	\$137,050	10	31	11	52	Bachelor's degree	5 years or more	None		
11-9013 Farmers, Ranchers, and Other Agricultural Managers	8,756	8,892	136	1.6%	\$50,320	\$65,410	\$60,260	\$81,160	544	306	68	918	High school diploma or equivalent	5 years or more	None		
11-9021 Construction Managers	5,569	5,955	386	6.9%	\$70,950	\$102,170	\$93,570	\$126,090	118	292	193	603	Bachelor's degree	None	Moderate-term on-the-job training		
11-9031 Education Administrators, Preschool and Childcare Center/Program	667	684	17	2.6%	\$44,210	\$55,730	\$56,740	\$64,140	16	32	8	56	Bachelor's degree	Less than 5 years	None		
11-9032 Education Administrators, Elementary and Secondary School	6,259	6,449	190	3.0%	\$74,140	\$90,350	\$88,950	\$104,060	157	295	95	547	Master's degree	5 years or more	None		
11-9033 Education Administrators, Postsecondary	2,232	2,299	67	3.0%	\$68,280	\$110,430	\$92,550	\$133,570	56	105	34	195	Master's degree	Less than 5 years	None		
11-9039 Education Administrators, All Other	359	367	8	2.2%	\$54,760	\$79,710	\$69,650	\$106,440	9	17	4	30	Bachelor's degree	Less than 5 years	None		
11-9041 Architectural and Engineering Managers	2,186	2,259	73	3.3%	\$113,800	\$147,020	\$139,780	\$174,400	40	113	36	189	Bachelor's degree	5 years or more	None		
11-9051 Food Service Managers	2,736	2,864	128	4.7%	\$36,830	\$59,490	\$57,900	\$72,370	86	224	64	374	High school diploma or equivalent	Less than 5 years	None		
11-9071 Gaming Managers	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	High school diploma or equivalent	Less than 5 years	None	
11-9081 Lodging Managers	558	617	59	10.6%	\$37,900	\$61,730	\$56,660	\$84,790	22	40	30	92	High school diploma or equivalent	Less than 5 years	None		
11-9111 Medical and Health Services Managers	8,086	8,567	481	6.0%	\$77,840	\$112,500	\$99,840	\$130,590	208	423	240	871	Bachelor's degree	Less than 5 years	None		
11-9121 Natural Sciences Managers	681	695	14	2.1%	\$62,490	\$105,690	\$101,830	\$132,960	14	34	7	55	Bachelor's degree	5 years or more	None		
11-9131 Postmasters and Mail Superintendents	298	304	6	2.0%	\$70,380	\$78,220	\$75,830	\$86,470	7	15	3	25	High school diploma or equivalent	Less than 5 years	Moderate-term on-the-job training		
11-9141 Property, Real Estate, and Community Association Managers	5,854	6,035	181	3.1%	\$39,860	\$67,060	\$57,650	\$79,730	226	224	90	540	High school diploma or equivalent	Less than 5 years	None		
11-9151 Social and Community Service Managers	2,637	2,693	56	2.1%	\$49,340	\$64,390	\$60,160	\$75,530	80	143	28	251	Bachelor's degree	Less than 5 years	None		
11-9161 Emergency Management Directors	161	163	2	1.2%	\$40,960	\$66,500	\$58,230	\$78,940	6	8	1	15	Bachelor's degree	5 years or more	None		
11-9171 Funeral Home Managers	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Associate degree	Less than 5 years	None	
11-9198 Personal Service Managers; Entertainment & Recreation Managers, I	5,333	5,491	158	3.0%	\$84,910	\$119,710	\$116,550	\$143,810	126	266	79	471	Bachelor's degree	Less than 5 years	None		
<b>13-0000 Business and Financial Operations Occupations</b>	<b>179,159</b>	<b>185,637</b>	<b>6,478</b>	<b>3.6%</b>	<b>\$49,830</b>	<b>\$73,800</b>	<b>\$66,350</b>	<b>\$90,120</b>	<b>4,819</b>	<b>10,598</b>	<b>3,239</b>	<b>18,656</b>					
13-1011 Agents and Business Managers of Artists, Performers, and Athletes	n/a	n/a	n/a	n/a	\$30,650	\$57,210	\$57,980	\$75,100	n/a	n/a	n/a	n/a	Bachelor's degree	Less than 5 years	Moderate-term on-the-job training		
13-1020 Buyers and Purchasing Agents	7,254	7,312	58	0.8%	\$44,980	\$65,710	\$60,430	\$80,870	248	467	29	744	Bachelor's degree	None	Long-term on-the-job training		
13-1031 Claims Adjusters, Examiners, and Investigators	7,458	7,525	67	0.9%	\$56,590	\$74,660	\$71,630	\$87,940	176	390	34	600	High school diploma or equivalent	None	Moderate-term on-the-job training		
13-1032 Insurance Appraisers, Auto Damage	211	216	5	2.4%	\$56,590	\$64,730	\$63,580	\$74,730	5	11	2	18	Postsecondary non-degree award	None	Moderate-term on-the-job training		
13-1041 Compliance Officers	4,951	5,020	69	1.4%	\$55,170	\$74,790	\$71,310	\$93,430	120	266	34	420	Bachelor's degree	None	Moderate-term on-the-job training		
13-1051 Cost Estimators	5,002	5,273	271	5.4%	\$53,120	\$74,300	\$69,450	\$88,370	145	310	136	591	Bachelor's degree	None	Moderate-term on-the-job training		
13-1071 Human Resources Specialists	14,212	14,766	554	3.9%	\$43,920	\$61,150	\$56,060	\$75,230	392	963	277	1,632	Bachelor's degree	None	None		
13-1074 Farm Labor Contractors	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	No formal educational credential	Less than 5 years	Short-term on-the-job training		

19-2021	Atmospheric and Space Scientists	214	220	6	2.8%	\$80,440	\$100,180	\$103,390	\$119,820	4	14	3	21	Bachelor's degree	None	None
19-2031	Chemists	1,475	1,509	34	2.3%	\$52,030	\$78,020	\$72,390	\$97,840	22	111	17	150	Bachelor's degree	None	None
19-2032	Materials Scientists	73	77	4	5.5%	\$66,010	\$81,460	\$80,090	\$97,220	1	6	2	9	Bachelor's degree	None	None
19-2041	Environmental Scientists and Specialists, Including Health	685	690	5	0.7%	\$46,070	\$62,890	\$54,290	\$77,930	12	54	2	68	Bachelor's degree	None	None
19-2042	Geoscientists, Except Hydrologists and Geographers	200	207	7	3.5%	\$53,370	\$75,810	\$72,480	\$95,990	4	16	4	24	Bachelor's degree	None	None
19-2043	Hydrologists	n/a	n/a	n/a	n/a	\$66,660	\$86,680	\$92,060	\$106,450	n/a	n/a	n/a	n/a	Bachelor's degree	None	None
19-2099	Physical Scientists, All Other	120	119	-1	-0.8%	\$80,080	\$98,040	\$100,770	\$119,820	2	8	0	10	Bachelor's degree	None	None
19-3011	Economists	244	248	4	1.6%	\$64,670	\$92,060	\$89,460	\$104,440	4	12	2	18	Master's degree	None	None
19-3022	Survey Researchers	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Master's degree	None	None
19-3031	Clinical, Counseling, and School Psychologists	1,893	1,948	55	2.9%	\$59,650	\$91,050	\$77,020	\$102,150	50	75	28	153	Doctoral or professional degree	None	Internship/residency
19-3032	Industrial-Organizational Psychologists	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Master's degree	None	Internship/residency
19-3039	Psychologists, All Other	567	577	10	1.8%	\$91,230	\$95,800	\$104,910	\$112,530	15	22	5	42	Master's degree	None	Internship/residency
19-3041	Sociologists	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Master's degree	None	None
19-3051	Urban and Regional Planners	242	245	3	1.2%	\$57,290	\$72,550	\$70,570	\$85,250	4	17	2	23	Master's degree	None	None
19-3091	Anthropologists and Archeologists	n/a	n/a	n/a	n/a	\$60,840	\$71,870	\$73,610	\$85,530	n/a	n/a	n/a	n/a	Master's degree	None	None
19-3092	Geographers	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Bachelor's degree	None	None
19-3093	Historians	64	64	0	0.0%	\$36,720	\$50,860	\$40,820	\$57,250	2	4	0	6	Master's degree	None	None
19-3094	Political Scientists	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Master's degree	None	None
19-3099	Social Scientists and Related Workers, All Other	324	329	5	1.5%	\$58,270	\$73,620	\$73,170	\$88,230	7	22	2	31	Bachelor's degree	None	None
19-4010	Agricultural and Food Science Technicians	704	725	21	3.0%	\$35,430	\$48,550	\$44,600	\$60,280	15	74	10	99	Associate degree	Moderate-term on-the-job training	
19-4021	Biological Technicians	669	688	19	2.8%	\$36,330	\$46,280	\$43,260	\$52,940	16	68	10	94	Bachelor's degree	None	None
19-4031	Chemical Technicians	1,004	1,029	25	2.5%	\$36,100	\$47,550	\$44,910	\$57,560	18	92	12	122	Associate degree	Moderate-term on-the-job training	
19-4042	Environmental Science and Protection Technicians, Including Health	384	403	19	5.0%	\$35,400	\$44,820	\$41,780	\$50,690	10	37	10	57	Associate degree	None	None
19-4045	Geological and Hydrologic Technicians	78	79	1	1.3%	\$47,900	\$61,090	\$59,950	\$73,290	2	8	0	10	Associate degree	Moderate-term on-the-job training	
19-4051	Nuclear Technicians	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Associate degree	Moderate-term on-the-job training	
19-4061	Social Science Research Assistants	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Bachelor's degree	None	None
19-4071	Forest and Conservation Technicians	305	305	0	0.0%	\$34,920	\$42,620	\$40,820	\$50,010	8	28	0	36	Associate degree	None	None
19-4092	Forensic Science Technicians	321	332	11	3.4%	\$41,010	\$54,730	\$51,240	\$67,480	8	30	6	44	Bachelor's degree	Moderate-term on-the-job training	
19-4099	Life, Physical, and Social Science Technicians, All Other	1,580	1,633	53	3.4%	\$35,010	\$48,130	\$43,150	\$57,040	43	151	26	220	Associate degree	None	None
19-5011	Occupational Health and Safety Specialists	1,643	1,695	52	3.2%	\$54,760	\$74,740	\$72,170	\$92,200	46	72	26	144	Bachelor's degree	None	None
19-5012	Occupational Health and Safety Technicians	335	349	14	4.2%	\$39,000	\$59,240	\$51,690	\$66,260	10	14	7	31	High school diploma or equivalent	Moderate-term on-the-job training	
<b>21-0000 Community and Social Service Occupations</b>	<b>45,754</b>	<b>46,908</b>	<b>1,154</b>	<b>2.5%</b>	<b>\$33,110</b>	<b>\$43,200</b>	<b>\$39,680</b>	<b>\$51,170</b>	<b>1,464</b>	<b>2,942</b>	<b>577</b>	<b>4,983</b>				
21-1012	Educational, Guidance, School, and Vocational Counselors	7,730	7,968	238	3.1%	\$38,770	\$51,250	\$48,540	\$62,080	256	465	119	840	Master's degree	None	None
21-1013	Marriage and Family Therapists	184	188	4	2.2%	\$37,100	\$48,520	\$44,370	\$54,460	6	11	2	19	Master's degree	Internship/residency	
21-1015	Rehabilitation Counselors	2,815	2,888	73	2.6%	\$32,270	\$38,370	\$36,300	\$40,680	93	169	36	298	Master's degree	None	None
21-1018	Substance Abuse, Behavioral Disorder, and Mental Health Counselor	4,783	4,929	146	3.1%	\$27,240	\$40,710	\$38,950	\$51,140	158	288	73	519	Bachelor's degree	None	None
21-1019	Counselors, All Other	373	387	14	3.8%	\$31,690	\$38,770	\$36,900	\$44,680	12	22	7	41	Master's degree	None	None
21-1021	Child, Family, and School Social Workers	7,957	8,124	167	2.1%	\$31,870	\$37,770	\$36,730	\$41,850	226	508	84	818	Bachelor's degree	None	None
21-1022	Healthcare Social Workers	6,659	6,659	156	2.4%	\$37,640	\$49,050	\$47,410	\$59,160	184	416	78	678	Master's degree	Internship/residency	
21-1023	Mental Health and Substance Abuse Social Workers	1,650	1,686	36	2.2%	\$34,150	\$43,930	\$39,420	\$54,130	47	106	18	171	Master's degree	Internship/residency	
21-1029	Social Workers, All Other	1,094	1,115	21	1.9%	\$47,380	\$65,980	\$71,130	\$81,890	31	70	10	111	Bachelor's degree	None	None
21-1091	Health Educators	1,245	1,271	26	2.1%	\$36,550	\$49,050	\$44,700	\$57,610	43	86	13	142	Bachelor's degree	None	None
21-1092	Probation Officers and Correctional Treatment Specialists	2,223	2,192	-31	-1.4%	\$34,860	\$38,710	\$38,000	\$41,090	48	132	-16	164	Bachelor's degree	Short-term on-the-job training	
21-1093	Social and Human Service Assistants	5,136	5,295	159	3.1%	\$23,320	\$31,510	\$30,720	\$37,490	208	394	80	682	High school diploma or equivalent	Short-term on-the-job training	
21-1094	Community Health Workers	1,595	1,660	65	4.1%	\$32,500	\$39,770	\$38,180	\$46,160	56	112	32	200	High school diploma or equivalent	Short-term on-the-job training	
21-1099	Community and Social Service Specialists, All Other	1,337	1,390	53	4.0%	\$33,650	\$41,250	\$39,290	\$48,400	46	94	26	166	Bachelor's degree	None	None
21-2011	Clergy	879	901	22	2.5%	\$41,740	\$52,880	\$51,260	\$61,690	36	52	11	99	Bachelor's degree	Moderate-term on-the-job training	
21-2021	Directors, Religious Activities and Education	108	110	2	1.9%	\$46,770	\$70,260	\$66,820	\$98,800	4	8	1	13	Bachelor's degree	Less than 5 years	
21-2099	Religious Workers, All Other	142	145	3	2.1%	\$31,610	\$39,580	\$37,180	\$43,610	8	10	2	20	Bachelor's degree	None	
<b>23-0000 Legal Occupations</b>	<b>24,785</b>	<b>25,853</b>	<b>1,068</b>	<b>4.3%</b>	<b>\$43,390</b>	<b>\$82,610</b>	<b>\$62,230</b>	<b>\$103,370</b>	<b>723</b> </							

27-2032	Choreographers	n/a	n/a	n/a	n/a	\$37,140	\$59,150	\$48,120	\$75,850	n/a	n/a	n/a	n/a	High school diploma or equivalent	5 years or more	Long-term on-the-job training
27-2041	Music Directors and Composers	n/a	n/a	n/a	n/a	\$37,140	\$59,150	\$48,120	\$75,850	n/a	n/a	n/a	n/a	Bachelor's degree	Less than 5 years	None
27-2042	Musicians and Singers	993	1,086	93	9.4%	n/a	n/a	n/a	n/a	61	58	46	165	No formal educational credential	None	Long-term on-the-job training
27-2090	Miscellaneous Entertainers and Performers, Sports and Related Workers	569	624	55	9.7%	n/a	n/a	n/a	n/a	23	34	28	85	No formal educational credential	None	Short-term on-the-job training
27-3011	Radio and Television Announcers	816	823	7	0.9%	\$21,040	\$50,570	\$30,120	\$58,260	32	44	4	80	Bachelor's degree	None	None
27-3023	News Analysts, Reporters, and Journalists	818	795	-23	-2.8%	\$24,190	\$44,530	\$31,780	\$51,130	24	62	-12	74	Bachelor's degree	None	None
27-3031	Public Relations Specialists	7,787	8,061	274	3.5%	\$40,670	\$58,020	\$52,510	\$68,320	198	520	137	855	Bachelor's degree	None	None
27-3041	Editors	1,239	1,212	-27	-2.2%	\$29,200	\$51,090	\$40,870	\$61,430	40	77	-14	103	Bachelor's degree	Less than 5 years	None
27-3042	Technical Writers	733	761	28	3.8%	\$52,650	\$68,370	\$64,790	\$83,210	20	46	14	80	Bachelor's degree	Less than 5 years	Short-term on-the-job training
27-3043	Writers and Authors	1,967	2,041	74	3.8%	\$40,640	\$54,280	\$52,340	\$64,470	80	110	37	227	Bachelor's degree	None	Long-term on-the-job training
27-3091	Interpreters and Translators	865	922	57	6.6%	\$37,530	\$47,330	\$45,250	\$55,070	34	49	28	111	Bachelor's degree	None	None
27-3092	Court Reporters and Simultaneous Captioners	254	252	-2	-0.8%	n/a	n/a	n/a	n/a	9	15	-1	23	Postsecondary non-degree award	None	Short-term on-the-job training
27-3099	Media and Communication Workers, All Other	271	295	24	8.9%	\$30,860	\$52,140	\$44,430	\$68,410	11	16	12	39	High school diploma or equivalent	None	Short-term on-the-job training
27-4011	Audio and Video Equipment Technicians	1,722	1,871	149	8.7%	\$35,580	\$47,820	\$46,350	\$58,340	47	132	74	253	Postsecondary non-degree award	None	Short-term on-the-job training
27-4012	Broadcast Technicians	789	803	14	1.8%	\$23,130	\$44,170	\$39,720	\$60,750	21	58	7	86	Associate degree	None	Short-term on-the-job training
27-4014	Sound Engineering Technicians	215	234	19	8.8%	\$34,870	\$45,840	\$39,350	\$53,000	6	16	10	32	Postsecondary non-degree award	None	Short-term on-the-job training
27-4021	Photographers	2,540	2,694	154	6.1%	\$22,450	\$33,620	\$28,100	\$40,390	88	147	77	312	High school diploma or equivalent	None	Moderate-term on-the-job training
27-4031	Camera Operators, Television, Video, and Motion Picture	324	339	15	4.6%	\$39,460	\$54,220	\$53,590	\$71,460	10	20	8	38	Bachelor's degree	None	None
27-4032	Film and Video Editors	444	501	57	12.8%	\$31,000	\$52,240	\$46,820	\$68,610	15	30	28	73	Bachelor's degree	None	None
27-4098	Lighting Technicians and Media and Communication Equipment Workers	85	92	7	8.2%	\$52,530	\$79,640	\$76,550	\$108,670	2	6	4	12	High school diploma or equivalent	None	Short-term on-the-job training
<b>29-0000</b>	<b>Healthcare Practitioners and Technical Occupations</b>	<b>199,680</b>	<b>204,472</b>	<b>4,792</b>	<b>2.4%</b>	<b>\$44,230</b>	<b>\$73,960</b>	<b>\$60,380</b>	<b>\$82,250</b>	<b>5,103</b>	<b>6,084</b>	<b>2,396</b>	<b>13,583</b>			
29-1011	Chiropractors	1,169	1,204	35	3.0%	\$54,770	\$106,870	\$64,300	\$104,910	17	10	18	45	Doctoral or professional degree	None	None
29-1021	Dentists, General	2,145	2,191	46	2.1%	\$107,830	\$157,030	\$156,670	\$196,400	40	18	23	81	Doctoral or professional degree	None	Internship/residency
29-1022	Oral and Maxillofacial Surgeons	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Doctoral or professional degree	None	Internship/residency
29-1023	Orthodontists	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Doctoral or professional degree	None	Internship/residency
29-1024	Prosthodontists	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Doctoral or professional degree	None	Internship/residency
29-1029	Dentists, All Other Specialists	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Doctoral or professional degree	None	Internship/residency
29-1031	Dietitians and Nutritionists	1,730	1,768	38	2.2%	\$48,700	\$60,230	\$59,250	\$71,590	56	61	19	136	Bachelor's degree	None	Internship/residency
29-1041	Optometrists	824	846	22	2.7%	\$93,660	\$129,500	\$114,230	\$146,020	15	10	11	36	Doctoral or professional degree	None	None
29-1051	Pharmacists	7,276	7,369	93	1.3%	\$114,740	\$127,430	\$130,470	\$149,440	134	140	46	320	Doctoral or professional degree	None	None
29-1071	Physician Assistants	1,290	1,368	78	6.1%	\$82,050	\$94,020	\$101,180	\$119,130	21	52	39	112	Master's degree	None	None
29-1081	Podiatrists	160	161	1	0.6%	\$96,840	\$141,050	\$141,920	\$167,400	4	7	0	11	Doctoral or professional degree	None	Internship/residency
29-1122	Occupational Therapists	2,330	2,405	76	3.3%	\$65,400	\$78,660	\$79,680	\$93,630	51	78	38	167	Master's degree	None	None
29-1123	Physical Therapists	4,624	4,827	203	4.4%	\$70,760	\$84,660	\$85,460	\$98,480	94	98	102	294	Doctoral or professional degree	None	None
29-1124	Radiation Therapists	487	498	11	2.3%	\$64,480	\$78,160	\$75,760	\$89,290	10	16	6	32	Associate degree	None	None
29-1125	Recreational Therapists	461	464	3	0.7%	\$40,100	\$50,720	\$46,680	\$57,080	14	20	2	36	Bachelor's degree	None	None
29-1126	Respiratory Therapists	3,313	3,483	170	5.1%	\$47,950	\$57,750	\$56,520	\$64,810	72	86	85	243	Associate degree	None	None
29-1127	Speech-Language Pathologists	2,933	3,109	176	6.0%	\$62,180	\$81,390	\$80,090	\$98,790	70	108	88	266	Master's degree	None	Internship/residency
29-1128	Exercise Physiologists	309	321	12	3.9%	\$42,570	\$52,050	\$48,450	\$58,240	10	11	6	27	Bachelor's degree	None	None
29-1129	Therapists, All Other	102	108	6	5.9%	\$46,670	\$64,280	\$58,890	\$82,300	3	4	3	10	Bachelor's degree	None	None
29-1131	Veterinarians	2,009	2,138	129	6.4%	\$66,330	\$88,090	\$88,970	\$105,390	33	32	64	129	Doctoral or professional degree	None	None
29-1141	Registered Nurses	73,653	75,007	1,354	1.8%	\$52,890	\$65,900	\$64,220	\$78,290	1,983	1,870	677	4,530	Bachelor's degree	None	None
29-1151	Nurse Anesthetists	820	844	24	2.9%	\$152,640	\$189,610	\$177,640	n/a	16	25	12	53	Master's degree	None	None
29-1161	Nurse Midwives	61	62	1	1.6%	\$97,070	\$113,320	\$114,680	\$133,210	2	2	0	4	Master's degree	None	None
29-1171	Nurse Practitioners	6,473	7,103	630	9.7%	\$91,520	\$106,870	\$104,050	\$121,330	142	213	315	670	Master's degree	None	None
29-1181	Audiologists	343	355	12	3.5%	\$67,980	\$72,660	\$74,120	\$80,240	8	7	6	21	Doctoral or professional degree	None	None
29-1211	Anesthesiologists	419	421	2	0.5%	n/a	n/a	n/a	n/a	6	4	1	11	Doctoral or professional degree	None	Internship/residency
29-1215	Family Medicine Physicians	8,272	8,385	113	1.4%	\$67,490	\$194,120	\$196,800	n/a	134	94	56	284	Doctoral or professional degree	None	Internship/residency
29-1216	General Internal Medicine Physicians	75	76	1	1.3%	\$67,910	\$180,870	\$171,650	n/a	1	1	0	2	Doctoral or professional degree	None	Internship/residency
29-1218	Obstetricians and G															

37-2021	Pest Control Workers	n/a	n/a	n/a	n/a	\$27,130	\$36,500	\$34,480	\$43,550	n/a	n/a	n/a	n/a	High school diploma or equivalent	None	Moderate-term on-the-job training
37-3011	Landscaping and Groundskeeping Workers	21,162	22,040	878	4.2%	\$25,690	\$34,250	\$30,660	\$37,750	930	1,852	439	3,221	No formal educational credential	None	Short-term on-the-job training
37-3012	Pesticide Handlers, Sprayers, and Applicators, Vegetation	n/a	n/a	n/a	n/a	\$23,860	\$33,520	\$31,610	\$39,740	n/a	n/a	n/a	n/a	High school diploma or equivalent	None	Moderate-term on-the-job training
37-3013	Tree Trimmers and Pruners	1,875	1,940	65	3.5%	\$31,070	\$39,150	\$37,160	\$45,350	82	164	32	278	High school diploma or equivalent	None	Short-term on-the-job training
37-3019	Grounds Maintenance Workers, All Other	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	No formal educational credential	None	Short-term on-the-job training
<b>39-0000 Personal Care and Service Occupations</b>		<b>82,926</b>	<b>87,476</b>	<b>4,550</b>	<b>5.5%</b>	<b>\$20,560</b>	<b>\$29,170</b>	<b>\$24,520</b>	<b>\$32,770</b>	<b>5,466</b>	<b>6,652</b>	<b>2,275</b>	<b>14,393</b>			
39-1013	First-Line Supervisors of Gambling Services Workers	370	427	57	15.4%	\$41,340	\$50,770	\$49,520	\$59,480	14	28	28	70	High school diploma or equivalent	Less than 5 years	None
39-1098	First-Line Supervisors of Personal Service & Entertainment and Recreation Workers	3,174	3,368	194	6.1%	\$30,870	\$42,150	\$40,960	\$50,980	120	226	97	443	High school diploma or equivalent	Less than 5 years	None
39-2011	Animal Trainers	2,062	2,200	138	6.7%	\$23,610	\$32,160	\$28,300	\$36,670	100	154	69	323	High school diploma or equivalent	None	Moderate-term on-the-job training
39-2021	Nonfarm Animal Caretakers	8,264	8,922	658	8.0%	\$20,350	\$26,270	\$23,260	\$28,880	552	713	329	1,594	High school diploma or equivalent	None	Short-term on-the-job training
39-3011	Gaming Dealers	946	1,115	169	17.9%	\$19,700	\$22,950	\$20,120	\$20,800	56	93	84	233	High school diploma or equivalent	None	Short-term on-the-job training
39-3012	Gaming and Sports Book Writers and Runners	47	53	6	12.8%	\$22,450	\$27,900	\$27,710	\$32,320	2	4	3	9	High school diploma or equivalent	None	Short-term on-the-job training
39-3019	Gaming Service Workers, All Other	n/a	n/a	n/a	n/a	\$55,980	\$56,660	\$60,290	\$64,850	n/a	n/a	n/a	n/a	High school diploma or equivalent	None	Short-term on-the-job training
39-3021	Motion Picture Projectionists	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	No formal educational credential	None	Short-term on-the-job training
39-3031	Ushers, Lobby Attendants, and Ticket Takers	2,805	3,235	430	15.3%	\$20,380	\$23,960	\$22,750	\$25,310	382	308	215	905	No formal educational credential	None	Short-term on-the-job training
39-3091	Amusement and Recreation Attendants	4,811	5,255	444	9.2%	\$19,990	\$25,950	\$21,190	\$26,230	491	564	222	1,277	No formal educational credential	None	Short-term on-the-job training
39-3092	Costume Attendants	83	95	12	14.5%	\$27,020	\$39,330	\$38,480	\$47,930	8	10	6	24	High school diploma or equivalent	None	Short-term on-the-job training
39-3093	Locker Room, Coatroom, and Dressing Room Attendants	1,104	1,177	73	6.6%	\$20,050	\$24,250	\$21,940	\$25,240	112	128	36	276	High school diploma or equivalent	None	Short-term on-the-job training
39-3099	Entertainment Attendants and Related Workers, All Other	76	88	12	15.8%	\$21,260	\$38,990	\$33,370	\$57,600	8	9	6	23	High school diploma or equivalent	None	Short-term on-the-job training
39-4011	Embalmers	319	319	0	0.0%	\$44,700	\$57,550	\$52,580	\$64,360	18	24	0	42	Associate degree	None	Long-term on-the-job training
39-4021	Funeral Attendants	1,053	1,059	6	6.6%	\$23,310	\$30,820	\$27,380	\$33,830	60	80	3	143	High school diploma or equivalent	None	Short-term on-the-job training
39-4031	Morticians, Undertakers, and Funeral Directors	866	872	6	0.7%	\$23,800	\$44,050	\$33,600	\$53,480	42	59	3	104	Associate degree	None	Long-term on-the-job training
39-5011	Barbers	n/a	n/a	n/a	n/a	\$22,830	\$37,270	\$30,820	\$54,480	n/a	n/a	n/a	n/a	Postsecondary non-degree award	None	None
39-5012	Hairdressers, Hairstylists, and Cosmetologists	12,377	12,938	561	4.5%	\$20,830	\$30,560	\$26,410	\$37,690	670	704	280	1,654	Postsecondary non-degree award	None	None
39-5091	Manicurists and Pedicurists	1,262	1,347	85	6.7%	\$21,220	\$28,470	\$26,600	\$33,990	66	69	42	177	Postsecondary non-degree award	None	None
39-5094	Skincare Specialists	n/a	n/a	n/a	n/a	\$27,700	\$42,380	\$35,040	\$51,290	n/a	n/a	n/a	n/a	Postsecondary non-degree award	None	None
39-6011	Baggage Porters and Bellhops	193	231	38	19.7%	\$20,660	\$27,210	\$25,480	\$31,110	11	16	19	46	High school diploma or equivalent	None	Short-term on-the-job training
39-6012	Concierges	533	600	67	12.6%	\$22,700	\$30,440	\$25,690	\$36,650	30	44	34	108	High school diploma or equivalent	None	Moderate-term on-the-job training
39-7010	Tour and Travel Guides	1,129	1,199	70	6.2%	\$22,330	\$28,610	\$25,240	\$31,870	74	108	35	217	High school diploma or equivalent	None	Moderate-term on-the-job training
39-9011	Childcare Workers	24,136	24,574	438	1.8%	\$20,260	\$25,150	\$23,040	\$28,540	1,639	1,702	219	3,560	High school diploma or equivalent	None	Short-term on-the-job training
39-9031	Fitness Trainers and Aerobics Instructors	7,327	8,009	682	9.3%	\$20,470	\$35,730	\$26,670	\$47,640	449	728	341	1,518	High school diploma or equivalent	None	Short-term on-the-job training
39-9032	Recreation Workers	6,914	7,152	238	3.4%	\$20,690	\$28,250	\$24,880	\$32,590	412	668	119	1,199	High school diploma or equivalent	None	Short-term on-the-job training
39-9041	Residential Advisors	719	731	12	1.7%	\$23,570	\$31,530	\$29,530	\$37,840	36	65	6	107	High school diploma or equivalent	None	Short-term on-the-job training
39-9098	Crematory Operators and Personal Care and Service Workers, All Other	436	455	19	4.4%	\$23,870	\$30,580	\$28,370	\$34,410	25	34	10	69	High school diploma or equivalent	None	Short-term on-the-job training
<b>41-0000 Sales and Related Occupations</b>		<b>286,900</b>	<b>293,114</b>	<b>6,214</b>	<b>2.2%</b>	<b>\$22,620</b>	<b>\$42,480</b>	<b>\$29,220</b>	<b>\$48,040</b>	<b>15,152</b>	<b>22,866</b>	<b>3,107</b>	<b>41,125</b>			
41-1011	First-Line Supervisors of Retail Sales Workers	25,036	25,296	260	1.0%	\$32,160	\$43,960	\$39,490	\$51,480	890	1,744	130	2,764	High school diploma or equivalent	Less than 5 years	None
41-1012	First-Line Supervisors of Non-Retail Sales Workers	7,061	7,155	94	1.3%	\$55,740	\$82,880	\$72,520	\$99,620	206	422	47	675	High school diploma or equivalent	Less than 5 years	None
41-2011	Cashiers	69,408	69,952	544	0.8%	\$20,670	\$24,490	\$23,110	\$25,960	5,928	6,671	272	12,871	No formal educational credential	None	Short-term on-the-job training
41-2012	Gaming Change Persons and Booth Cashiers	n/a	n/a	n/a	n/a	\$21,490	\$28,730	\$26,990	\$34,080	n/a	n/a	n/a	n/a	No formal educational credential	None	Short-term on-the-job training
41-2021	Counter and Rental Clerks	n/a	n/a	n/a	n/a	\$22,200	\$34,920	\$29,520	\$40,870	n/a	n/a	n/a	n/a	No formal educational credential	None	Short-term on-the-job training
41-2022	Parts Salespersons	6,080	6,284	204	3.4%	\$23,450	\$36,280	\$31,710	\$43,690	260	474	102	836	No formal educational credential	None	Moderate-term on-the-job training
41-2031	Retail Salespersons	78,738	80,622	1,884	2.4%	\$21,460	\$30,640	\$25,390	\$32,020	4,455	6,582	942	11,979	No formal educational credential	None	Short-term on-the-job training
41-3011	Advertising Sales Agents	2,598	2,632	34	1.3%	\$27,860	\$57,570	\$41,920	\$65,520	80	243	17	340	High school diploma or equivalent	None	Moderate-term on-the-job training
41-3021	Insurance Sales Agents	14,468	14,997	529	3.7%	\$33,920	\$63,110	\$49,370	\$69,080	490	824	264	1,578	High school diploma or equivalent	None	Moderate-term on-the-job training
41-3031	Securities, Commodities, and Financial Services Sales Agents	10,790	11,085	295	2.7%	\$41,760	\$87,560	\$69,260	\$109,350	242	690	148	1,080	Bachelor's degree	None	Moderate-term on-the-job training
41-3041	Travel Agents	1,434	1,491	57	4.0%	\$31,180	\$45,380	\$40,920	\$55,230	72	97	28	197	High school diploma or equivalent	None	Moderate-term on-the-job training

47-2073	Operating Engineers and Other Construction Equipment Operators	8,097	8,569	472	5.8%	\$39,640	\$57,360	\$57,480	\$75,010	272	598	236	1,106	High school diploma or equivalent	None	Moderate-term on-the-job training
47-2081	Drywall and Ceiling Tile Installers	926	995	69	7.5%	\$43,970	\$60,780	\$59,420	\$78,270	24	54	34	112	No formal educational credential	None	Moderate-term on-the-job training
47-2082	Tapers	268	285	17	6.3%	\$45,430	\$60,200	\$65,960	\$75,120	7	16	8	31	No formal educational credential	None	Moderate-term on-the-job training
47-2111	Electricians	13,483	14,475	992	7.4%	\$43,260	\$61,490	\$62,790	\$77,720	406	1,026	496	1,928	High school diploma or equivalent	None	Apprenticeship
47-2121	Glaziers	1,047	1,117	70	6.7%	\$44,620	\$64,930	\$65,820	\$80,310	29	84	35	148	High school diploma or equivalent	None	Apprenticeship
47-2131	Insulation Workers, Floor, Ceiling, and Wall	511	550	39	7.6%	\$27,810	\$41,710	\$35,320	\$50,990	12	36	20	68	No formal educational credential	None	Short-term on-the-job training
47-2132	Insulation Workers, Mechanical	1,082	1,169	87	8.0%	\$38,830	\$54,490	\$48,650	\$67,320	26	76	44	146	High school diploma or equivalent	None	Apprenticeship
47-2141	Painters, Construction and Maintenance	6,810	7,203	393	5.8%	\$38,130	\$55,010	\$53,920	\$73,100	212	388	196	796	No formal educational credential	None	Moderate-term on-the-job training
47-2142	Paperhangers	n/a	n/a	n/a	n/a	\$34,380	\$39,280	\$38,720	\$44,840	n/a	n/a	n/a	n/a	No formal educational credential	None	Long-term on-the-job training
47-2151	Pipelayers	393	409	16	4.1%	\$37,360	\$58,510	\$59,640	\$78,710	12	29	8	49	No formal educational credential	None	Short-term on-the-job training
47-2152	Plumbers, Pipefitters, and Steamfitters	8,811	9,389	578	6.6%	\$45,350	\$64,910	\$61,810	\$84,780	266	654	289	1,209	High school diploma or equivalent	None	Apprenticeship
47-2161	Plasterers and Stucco Masons	223	241	18	8.1%	\$42,900	\$55,240	\$55,460	\$67,250	6	12	9	27	No formal educational credential	None	Long-term on-the-job training
47-2171	Reinforcing Iron and Rebar Workers	n/a	n/a	n/a	n/a	\$47,660	\$61,810	\$66,130	\$76,680	n/a	n/a	n/a	n/a	High school diploma or equivalent	None	Apprenticeship
47-2181	Roofers	2,265	2,420	155	6.8%	\$38,350	\$55,490	\$52,780	\$71,640	58	164	78	300	No formal educational credential	None	Moderate-term on-the-job training
47-2211	Sheet Metal Workers	4,322	4,590	268	6.2%	\$36,520	\$60,810	\$61,040	\$83,780	121	288	134	543	High school diploma or equivalent	None	Apprenticeship
47-2221	Structural Iron and Steel Workers	1,195	1,278	83	7.0%	\$38,530	\$55,920	\$52,310	\$74,020	32	94	42	168	High school diploma or equivalent	None	Apprenticeship
47-2231	Solar Photovoltaic Installers	n/a	n/a	n/a	n/a	\$43,950	\$46,470	\$47,200	\$50,450	n/a	n/a	n/a	n/a	High school diploma or equivalent	None	Moderate-term on-the-job training
47-3011	Helpers—Brickmasons, Blockmasons, Stonemasons, and Tile and Mar	338	359	21	6.2%	\$41,550	\$54,730	\$55,710	\$68,010	10	30	10	50	No formal educational credential	None	Short-term on-the-job training
47-3012	Helpers—Carpenters	201	216	15	7.5%	\$29,500	\$36,360	\$34,910	\$39,620	6	18	8	32	No formal educational credential	None	Short-term on-the-job training
47-3013	Helpers—Electricians	316	339	23	7.3%	\$29,960	\$34,370	\$34,550	\$38,540	10	28	12	50	High school diploma or equivalent	None	Short-term on-the-job training
47-3014	Helpers—Painters, Paperhangers, Plasterers, and Stucco Masons	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	No formal educational credential	None	Short-term on-the-job training
47-3015	Helpers—Pipelayers, Plumbers, Pipefitters, and Steamfitters	251	271	20	8.0%	\$33,160	\$43,550	\$43,030	\$51,910	8	23	10	41	High school diploma or equivalent	None	Short-term on-the-job training
47-3016	Helpers—Roofers	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	No formal educational credential	None	Short-term on-the-job training
47-3019	Helpers, Construction Trades, All Other	177	193	16	9.0%	\$30,170	\$36,490	\$36,270	\$43,030	6	16	8	30	No formal educational credential	None	Short-term on-the-job training
47-4011	Construction and Building Inspectors	3,618	3,700	82	2.3%	\$45,920	\$60,870	\$57,390	\$75,110	199	221	41	461	High school diploma or equivalent	5 years or more	Moderate-term on-the-job training
47-4021	Elevator Installers and Repairers	n/a	n/a	n/a	n/a	\$60,180	\$80,440	\$79,510	\$99,690	n/a	n/a	n/a	n/a	High school diploma or equivalent	None	Apprenticeship
47-4031	Fence Erectors	670	716	46	6.9%	\$27,380	\$42,060	\$34,740	\$53,590	16	52	23	91	No formal educational credential	None	Moderate-term on-the-job training
47-4041	Hazardous Materials Removal Workers	510	526	16	3.1%	\$35,380	\$50,500	\$43,830	\$68,480	20	42	8	70	High school diploma or equivalent	None	Short-term on-the-job training
47-4051	Highway Maintenance Workers	5,508	5,562	54	1.0%	\$32,270	\$36,820	\$35,750	\$39,870	217	348	27	592	High school diploma or equivalent	None	Short-term on-the-job training
47-4061	Rail-Track Laying and Maintenance Equipment Operators	469	465	-4	-0.9%	\$54,590	\$62,060	\$63,230	\$73,980	8	32	-2	38	High school diploma or equivalent	None	Moderate-term on-the-job training
47-4071	Septic Tank Servicers and Sewer Pipe Cleaners	1,231	1,262	31	2.5%	\$33,670	\$41,890	\$40,540	\$48,500	40	103	16	159	High school diploma or equivalent	None	Moderate-term on-the-job training
47-4091	Miscellaneous Construction and Related Workers	n/a	n/a	n/a	n/a	\$34,880	\$45,440	\$44,240	\$53,370	n/a	n/a	n/a	n/a	High school diploma or equivalent	None	Moderate-term on-the-job training
47-5011	Derrick Operators, Oil and Gas	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	No formal educational credential	None	Short-term on-the-job training
47-5012	Rotary Drill Operators, Oil and Gas	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	No formal educational credential	None	Moderate-term on-the-job training
47-5013	Service Unit Operators, Oil, Gas, and Mining	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	No formal educational credential	None	Moderate-term on-the-job training
47-5023	Excavating and Loading Machine and Dragline Operators, Surface Mi	1,116	1,178	62	5.6%	\$37,420	\$47,680	\$45,220	\$55,890	36	98	31	165	High school diploma or equivalent	Less than 5 years	Moderate-term on-the-job training
47-5041	Continuous Mining Machine Operators	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	No formal educational credential	None	Moderate-term on-the-job training
47-5043	Roof Bolters, Mining	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	High school diploma or equivalent	None	Moderate-term on-the-job training
47-5044	Loading and Moving Machine Operators, Underground Mining	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	No formal educational credential	None	Short-term on-the-job training
47-5051	Rock Splitters, Quarry	142	148	6	4.2%	\$28,460	\$36,020	\$33,910	\$44,080	4	12	3	19	No formal educational credential	None	Short-term on-the-job training
47-5071	Roustabouts, Oil and Gas	n/a	n/a	n/a	n/a	\$34,650	\$41,540	\$41,950	\$49,130	n/a	n/a	n/a	n/a	No formal educational credential	None	Moderate-term on-the-job training
47-5081	Helpers—Extraction Workers	n/a	n/a	n/a	n/a	\$34,090	\$47,520	\$45,950	\$56,880	12	34	9	55	High school diploma or equivalent	Less than 5 years	Long-term on-the-job training
47-5097	Earth Drillers, Except Oil and Gas; and Explosives Workers, Ordnance	390	408	18	4.6%	\$36,090	\$47,520	\$45,950	\$56,880	12	34	9	55	High school diploma or equivalent	None	Long-term on-the-job training
47-5098	Underground Mining Machine Operators and Extraction Workers, Al	193	199	6	3.1%	\$30,810	\$41,440	\$41,120	\$48,800	6	17	3	26	High school diploma or equivalent	None	Moderate-term on-the-job training
<b>49-0000 Installation, Maintenance, and Repair Occupations</b>	<b>119,682</b>	<b>123,756</b>	<b>4,074</b>	<b>3.4%</b>	<b>\$35,000</b>	<b>\$49,490</b>	<b>\$46,590</b>	<b>\$61,850</b>	<b>3,818</b>	<b>7,786</b>	<b>2,037</b>	<b>13,641</b>				
49-1011	First-Line Supervisors of Mechanics, Installers, and Repairers	8,257	8,497	240	2.9%	\$48,550	\$65,980	\$63,840	\$81,770	243	498	120	861	High school diploma or equivalent	Less than 5 years	None
49-2011	Computer, Automated Teller, and Office Machine Repairers	1,735	1,781	46	2.7%	\$31,330	\$40,950	\$38,210	\$48,480	53	134	23	210	Some college, no degree	None	Short-term on-the-job training
49-2021	Radio, Cellular, and Tower Equipment Installers and Repairers	549	582	33	6.0%	\$36,410	\$47,620	\$44,330	\$54,650	20	44	16	80	Associate degree	None</	

51-6042	Shoe Machine Operators and Tenders	n/a	n/a	n/a	n/a	\$27,260	\$34,490	\$31,130	\$37,400	7	4	0	11	High school diploma or equivalent	None	Short-term on-the-job training
51-6051	Sewers, Hand	91	91	0	0.0%	\$25,990	\$34,290	\$33,540	\$42,040	154	96	-2	248	No formal educational credential	None	Moderate-term on-the-job training
51-6052	Tailors, Dressmakers, and Custom Sewers	1,929	1,924	-5	-0.3%	\$22,680	\$27,580	\$26,440	\$31,130	8	10	2	20	High school diploma or equivalent	None	Moderate-term on-the-job training
51-6062	Textile Cutting Machine Setters, Operators, and Tenders	148	153	5	3.4%	\$22,680	\$27,580	\$26,440	\$31,130	8	10	2	20	High school diploma or equivalent	None	Moderate-term on-the-job training
51-6063	Textile Knitting and Weaving Machine Setters, Operators, and Tenders	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	High school diploma or equivalent	None	Short-term on-the-job training
51-6064	Textile Winding, Twisting, and Drawing Out Machine Setters, Operators, and Tenders	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	High school diploma or equivalent	None	Moderate-term on-the-job training
51-6091	Extruding and Forming Machine Setters, Operators, and Tenders, Syringes	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	High school diploma or equivalent	None	Moderate-term on-the-job training
51-6092	Fabric and Apparel Patternmakers	80	80	0	0.0%	\$23,320	\$44,510	\$33,100	\$58,970	4	5	0	9	High school diploma or equivalent	None	Moderate-term on-the-job training
51-6093	Upholsterers	527	543	16	3.0%	\$25,290	\$34,180	\$34,100	\$40,720	16	30	8	54	High school diploma or equivalent	None	Moderate-term on-the-job training
51-6099	Textile, Apparel, and Furnishings Workers, All Other	50	52	2	4.0%	\$21,090	\$28,210	\$25,450	\$34,240	2	4	1	7	High school diploma or equivalent	None	Short-term on-the-job training
51-7011	Cabinetmakers and Bench Carpenters	2,784	2,961	177	6.4%	\$28,160	\$35,080	\$34,670	\$40,470	108	159	88	355	High school diploma or equivalent	None	Moderate-term on-the-job training
51-7021	Furniture Finishers	n/a	n/a	n/a	n/a	\$30,750	\$35,770	\$36,680	\$41,160	n/a	n/a	n/a	n/a	High school diploma or equivalent	None	Short-term on-the-job training
51-7031	Model Makers, Wood	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	High school diploma or equivalent	None	Moderate-term on-the-job training
51-7041	Sawing Machine Setters, Operators, and Tenders, Wood	1,659	1,697	38	2.3%	\$21,840	\$32,990	\$27,020	\$37,430	60	128	19	207	High school diploma or equivalent	None	Moderate-term on-the-job training
51-7042	Woodworking Machine Setters, Operators, and Tenders, Except Saw	2,595	2,687	92	3.6%	\$23,390	\$30,200	\$28,310	\$34,620	78	191	46	315	High school diploma or equivalent	None	Moderate-term on-the-job training
51-7099	Woodworkers, All Other	159	168	9	5.7%	\$22,220	\$30,510	\$26,030	\$37,560	6	9	4	19	High school diploma or equivalent	None	Moderate-term on-the-job training
51-8011	Nuclear Power Reactor Operators	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	High school diploma or equivalent	None	Long-term on-the-job training
51-8012	Power Distributors and Dispatchers	112	111	-1	-0.9%	\$66,700	\$88,040	\$93,010	\$114,410	3	8	0	11	High school diploma or equivalent	None	Long-term on-the-job training
51-8013	Power Plant Operators	739	715	-24	-3.3%	n/a	n/a	n/a	n/a	19	49	-12	56	High school diploma or equivalent	None	Long-term on-the-job training
51-8021	Stationary Engineers and Boiler Operators	456	470	14	3.1%	\$37,640	\$54,400	\$53,420	\$70,790	22	33	7	62	High school diploma or equivalent	None	Long-term on-the-job training
51-8031	Water and Wastewater Treatment Plant and System Operators	2,348	2,343	-5	-0.2%	\$36,350	\$46,980	\$45,590	\$66,750	66	145	-2	209	High school diploma or equivalent	None	Long-term on-the-job training
51-8091	Chemical Plant and System Operators	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	High school diploma or equivalent	None	Moderate-term on-the-job training
51-8092	Gas Plant Operators	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	High school diploma or equivalent	None	Long-term on-the-job training
51-8093	Petroleum Pump System Operators, Refinery Operators, and Gaugers	194	197	3	1.6%	\$48,570	\$55,400	\$56,410	\$61,990	4	15	2	21	High school diploma or equivalent	None	Long-term on-the-job training
51-8099	Plant and System Operators, All Other	312	317	5	1.6%	\$45,000	\$55,740	\$54,450	\$67,300	8	24	2	34	High school diploma or equivalent	None	Moderate-term on-the-job training
51-9011	Chemical Equipment Operators and Tenders	3,654	3,602	-52	-1.4%	\$34,590	\$47,860	\$46,060	\$59,810	80	282	-26	336	High school diploma or equivalent	None	Moderate-term on-the-job training
51-9012	Separating, Filtering, Clarifying, Precipitating, and Still Machine Setters	1,294	1,333	39	3.0%	\$32,250	\$46,350	\$39,840	\$51,700	29	102	20	151	High school diploma or equivalent	None	Moderate-term on-the-job training
51-9021	Crushing, Grinding, and Polishing Machine Setters, Operators, and Tenders	1,065	1,074	9	0.9%	\$27,950	\$40,540	\$37,110	\$49,620	36	80	4	120	High school diploma or equivalent	None	Moderate-term on-the-job training
51-9022	Grinding and Polishing Workers, Hand	370	371	1	0.3%	\$24,740	\$31,530	\$29,000	\$33,820	12	28	0	40	No formal educational credential	None	Short-term on-the-job training
51-9023	Mixing and Blending Machine Setters, Operators, and Tenders	3,090	3,150	60	1.9%	\$32,580	\$43,410	\$43,580	\$52,760	106	233	30	369	High school diploma or equivalent	None	Moderate-term on-the-job training
51-9031	Cutters and Trimmers, Hand	n/a	n/a	n/a	n/a	\$22,330	\$27,380	\$24,730	\$30,230	n/a	n/a	n/a	n/a	No formal educational credential	None	Short-term on-the-job training
51-9032	Cutting and Slicing Machine Setters, Operators, and Tenders	1,236	1,255	19	1.5%	\$33,560	\$39,610	\$38,620	\$46,220	56	94	10	160	High school diploma or equivalent	None	Moderate-term on-the-job training
51-9041	Extruding, Forming, Pressing, and Compacting Machine Setters, Operators, and Tenders	1,302	1,341	39	3.0%	\$33,130	\$38,360	\$37,980	\$44,880	36	98	20	154	High school diploma or equivalent	None	Moderate-term on-the-job training
51-9051	Furnace, Kiln, Oven, Drier, and Kettle Operators and Tenders	234	240	6	2.6%	\$31,380	\$39,940	\$38,830	\$47,840	8	14	3	25	High school diploma or equivalent	None	Moderate-term on-the-job training
51-9061	Inspectors, Testers, Sorters, Samplers, and Weighers	10,697	10,683	-14	-0.1%	\$35,430	\$47,030	\$44,550	\$56,980	411	848	-7	1,252	High school diploma or equivalent	None	Long-term on-the-job training
51-9071	Jewelers and Precious Stone and Metal Workers	653	654	1	0.2%	\$35,720	\$45,550	\$40,920	\$50,890	35	44	0	79	High school diploma or equivalent	None	Long-term on-the-job training
51-9081	Dental Laboratory Technicians	549	573	24	4.4%	\$32,670	\$45,290	\$42,420	\$51,690	25	46	12	83	High school diploma or equivalent	None	Moderate-term on-the-job training
51-9082	Medical Appliance Technicians	308	323	15	4.9%	\$34,690	\$46,970	\$40,460	\$56,300	14	26	8	48	High school diploma or equivalent	None	Moderate-term on-the-job training
51-9083	Ophthalmic Laboratory Technicians	949	995	46	4.9%	\$27,870	\$34,440	\$32,320	\$39,960	44	80	23	147	High school diploma or equivalent	None	Moderate-term on-the-job training
51-9111	Packaging and Filling Machine Operators and Tenders	11,246	11,519	273	2.4%	\$29,590	\$39,870	\$36,440	\$46,700	470	756	136	1,362	High school diploma or equivalent	None	Moderate-term on-the-job training
51-9123	Painting, Coating, and Spraying Machine Setters, Operators, and Tenders	496	497	1	0.2%	\$23,440	\$29,630	\$26,040	\$31,860	14	36	0	50	No formal educational credential	None	Short-term on-the-job training
51-9124	Coating, Painting, and Spraying Machine Setters, Operators, and Tenders	3,688	3,816	128	3.5%	\$34,030	\$45,150	\$42,790	\$52,240	104	269	64	437	High school diploma or equivalent	None	Moderate-term on-the-job training
51-9141	Semiconductor Processors	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	High school diploma or equivalent	None	Short-term on-the-job training
51-9151	Photographic Process Workers and Processing Machine Operators	n/a	n/a	n/a	n/a	\$28,980	\$45,320	\$37,440	\$55,270	n/a	n/a	n/a	n/a	High school diploma or equivalent	None	Short-term on-the-job training
51-9161	Computer Numerically Controlled Tool Operators	4,478	4,541	63	1.4%	\$34,540	\$42,460	\$40,730	\$49,530	154	333	32	519	High school diploma or equivalent	None	Moderate-term on-the-job training
51-9162	Computer Numerically Controlled Tool Programmers	537	578	41	7.6%	\$28,290	\$64,540	\$62,080	\$77,030	19	41	20	80	Postsecondary non-degree award	None	Moderate-term on-the-job training
51-9191	Adhesive Bonding Machine Operators and Tenders	179	185	6	3.4%	\$31,270	\$35,120	\$35,720	\$39,300	10	12	3	25	High school diploma or equivalent	None	Moderate-term on-the-job training
51-9192	Cleaning, Washing, and Metal Pickling Equipment Operators and Tenders	459	470	11	2.4%	\$28,440	\$33,500	\$31,230	\$3							